

Message

From: Davis, Katherine L [katherine.l.davis@aecom.com]
Sent: 5/8/2019 7:19:17 PM
To: Wilson, Jennifer [wilson.jenniferA@epa.gov]; Hartten, Andrew S [Andrew.S.Hartten@chemours.com]
CC: Reinhart, Roger [Reinhart.Roger@epa.gov]; Rowsey, Kevin [rowsey.kevin@epa.gov]; Konfirst, Matthew [konfirst.matthew@epa.gov]
Subject: RE: ⚠ Cost of Monitoring and Maintaining the GAC Filters?

For clarification, starting with the Consent Order as Amended (Jan, 2017), we stopped collecting Bed 2. Currently, we collect and analyze only Bed 1 and perform a carbon change out when we reach 15 ppt in Bed 1.

Kathy

Katherine L. Davis, PhD
PFAS Technical Lead
Principal Geologist, Philly Metro Area
D 1-302-781-5890

Ex. 6 Personal Privacy (PP)
Katherine.L.Davis@aecom.com

From: Wilson, Jennifer <wilson.jenniferA@epa.gov>
Sent: Wednesday, May 08, 2019 2:48 PM
To: Hartten, Andrew S <Andrew.S.Hartten@chemours.com>; Davis, Katherine L <katherine.l.davis@aecom.com>
Cc: Reinhart, Roger <Reinhart.Roger@epa.gov>; Rowsey, Kevin <rowsey.kevin@epa.gov>; Konfirst, Matthew <konfirst.matthew@epa.gov>
Subject: RE: ⚠ Cost of Monitoring and Maintaining the GAC Filters?

Hi Andrew,

Thank you so much for the information. This is very helpful.

I will let you know if I need more information.

Have a good afternoon,
Jenny

From: Hartten, Andrew S <Andrew.S.Hartten@chemours.com>
Sent: Wednesday, May 8, 2019 12:50 PM
To: Wilson, Jennifer <wilson.jenniferA@epa.gov>; Katherine Davis <katherine.l.davis@aecom.com>
Cc: Reinhart, Roger <Reinhart.Roger@epa.gov>; Rowsey, Kevin <rowsey.kevin@epa.gov>; Konfirst, Matthew <konfirst.matthew@epa.gov>
Subject: RE: ⚠ Cost of Monitoring and Maintaining the GAC Filters?

Jenny,

As you know, we sample quarterly Bed 1 and Bed 2 and only analyze Bed 2 when we have a detection in Bed 1. We also sample well PT/Influent annually.

With that scope, the annual costs for monitoring are around \$3,500-4,000, including reporting, QC, etc. A carbon change out is around \$2,000, but that happens less frequently, every 3-5 years, with max. at 5 years (for the North American Aqua systems we are using).

Is this enough info or do you need more specific information?

Thanks.....Andrew

Andrew S. Hartten

Principal Project Manager-Corporate Remediation

+1 302 773 1289 ☎

Ex. 6 Personal Privacy (PP)

The Chemours Company

1007 Market Street, #507-3

Wilmington, DE 19899



[LinkedIn](#) | [Twitter](#) | [Chemours.com](#)

From: Wilson, Jennifer [<mailto:wilson.jenniferA@epa.gov>]

Sent: Monday, May 06, 2019 3:20 PM

To: Hartten, Andrew S <Andrew.S.Hartten@chemours.com>; Katherine Davis <katherine.l.davis@aecom.com>

Cc: Reinhart, Roger <Reinhart.Roger@epa.gov>; Rowsey, Kevin <rowsey.kevin@epa.gov>; Konfirst, Matthew <konfirst.matthew@epa.gov>

Subject: RE: ⚠ Cost of Monitoring and Maintaining the GAC Filters?

External email. Confirm links and attachments before opening.

Hi Andrew,

Thank you. We are looking for information on residential systems.

Have a good afternoon,
Jenny

From: Hartten, Andrew S <Andrew.S.Hartten@chemours.com>

Sent: Monday, May 6, 2019 2:04 PM

To: Wilson, Jennifer <wilson.jenniferA@epa.gov>; Katherine Davis <katherine.l.davis@aecom.com>

Cc: Reinhart, Roger <Reinhart.Roger@epa.gov>; Rowsey, Kevin <rowsey.kevin@epa.gov>; Konfirst, Matthew <konfirst.matthew@epa.gov>

Subject: RE: ⚠ Cost of Monitoring and Maintaining the GAC Filters?

Jenny, that question will be for me. Costs for residential system or public system?

Andrew S. Hartten

Principal Project Manager-Corporate Remediation

+1 302 773 1289 ☎

Ex. 6 Personal Privacy (PP)

The Chemours Company
1007 Market Street, #507-3
Wilmington, DE 19899



[LinkedIn](#) | [Twitter](#) | [Chemours.com](#)

From: Wilson, Jennifer [<mailto:wilson.jenniferA@epa.gov>]
Sent: Monday, May 06, 2019 2:59 PM
To: Katherine Davis <katherine.l.davis@aecom.com>; Hartten, Andrew S <Andrew.S.Hartten@chemours.com>
Cc: Reinhart, Roger <Reinhart.Roger@epa.gov>; Rowsey, Kevin <rowsey.kevin@epa.gov>; Konfirst, Matthew <konfirst.matthew@epa.gov>
Subject: ⚠ Cost of Monitoring and Maintaining the GAC Filters?

External email. Confirm links and attachments before opening.

Hi Kathy,

For another site, we are trying to quantify the costs of monitoring and maintaining the GAC filters that are being used for PFOA removal near Washington Works. Are you able to share that information with me?

Thank you,
Jenny

Jennifer Wilson, P.E.
Environmental Engineer, Ground Water and Drinking Water Branch
U.S. EPA Region 5
WG-15J
77 West Jackson Blvd.
Chicago, IL 60604

e-mail: wilson.jennifera@epa.gov
Phone: (312)353-3115
Fax: (312)697-2751

This communication is for use by the intended recipient and contains information that may be privileged, confidential or copyrighted under applicable law. If you are not the intended recipient, you are hereby formally notified that any use, copying or distribution of this e-mail, in whole or in part, is strictly prohibited. Please notify the sender by return e-mail and delete this e-mail from your system. Unless explicitly and conspicuously designated as "E-Contract Intended", this e-mail does not constitute a contract offer, a contract amendment, or an acceptance of a contract offer. This e-mail does not constitute a consent to the use of sender's contact information for direct marketing purposes or for transfers of data to third parties.

Francais Italiano Deutsch Portuges Espanol Japanese Chinese Korean

https://www.chemours.com/Chemours_Home/en_US/email_disclaimer.html

This communication is for use by the intended recipient and contains information that may be privileged, confidential or copyrighted under applicable law. If you are not the intended recipient, you are hereby formally notified that any use,

copying or distribution of this e-mail, in whole or in part, is strictly prohibited. Please notify the sender by return e-mail and delete this e-mail from your system. Unless explicitly and conspicuously designated as "E-Contract Intended", this e-mail does not constitute a contract offer, a contract amendment, or an acceptance of a contract offer. This e-mail does not constitute a consent to the use of sender's contact information for direct marketing purposes or for transfers of data to third parties.

Francais Italiano Deutsch Portuges Espanol Japanese Chinese Korean

https://www.chemours.com/Chemours_Home/en_US/email_disclaimer.html